

C3.2.7 Substructures

C3.2.7.1 Skew

C3.2.7.2 Abutments

C3.2.7.3 Berms

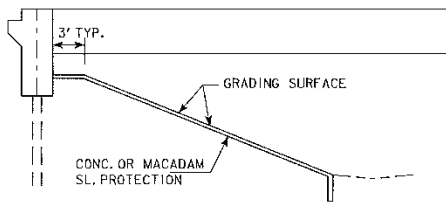
C3.2.7.3.1 Slope

C3.2.7.3.2 Toe offset

C3.2.7.3.3 Berm slope location table

See also the RBLT example C3.2.7.3.4.

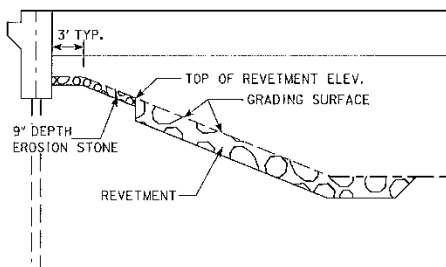
GUIDELINES FOR DESIGNATION OF GRADING SURFACE FOR BSLT



CONCRETE OR MACADAM SLOPE PROTECTION

NOTES:

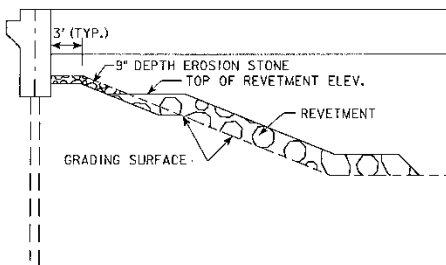
1. BSLT POINTS GIVEN AT THE GRADING SURFACE = TOP OF SLOPE PROTECTION.
2. THE GRADING SURFACE IS DEFINED BY THE BRIDGE OFFICE SLOPE PROTECTION STANDARD.
3. WING ARMORING DETAILS ARE DEFINED BY THE BRIDGE OFFICE WING ARMORING STANDARDS.
4. SLOPE PROTECTION AND WING ARMORING QUANTITIES WILL BE CALCULATED IN FINAL DESIGN.



EMBEDDED REVETMENT

NOTES:

1. BSLT POINTS GIVEN AT GRADING SURFACE = TOP OF EROSION STONE AND TOP OF EMBEDDED REVETMENT.
2. THE GRADING SURFACE SHALL BE LABELED ON THE TSL REVETMENT TYPICAL SECTION. TOP OF REVETMENT ELEVATION SHALL BE DEFINED.
3. ADDITIONAL EROSION STONE DETAILS ARE COVERED BY THE BRIDGE OFFICE SLOPE PROTECTION STANDARD.
4. REVETMENT AND EROSION STONE BERM ARMORING ARE PLACED BELOW THE GRADING SURFACE AND WILL REQUIRE "CORE OUT". DEFINE LIMITS OF THE CORE OUT IN THE PLANS. THE BERM ARMORING QUANTITIES TABLE SHALL INCLUDE (AS APPLICABLE) CLASS 10 EXCAVATION, ENGINEERING FABRIC, EROSION STONE AND REVETMENT. BERM ARMORING GENERALLY INCLUDES QUANTITIES TO THE FACE OF THE ABUTMENT.
5. WING ARMORING DETAILS ARE DEFINED BY THE BRIDGE OFFICE WING ARMORING STANDARD. FINAL DESIGN WILL CALCULATE QUANTITIES RELATED TO THE WING ARMORING.

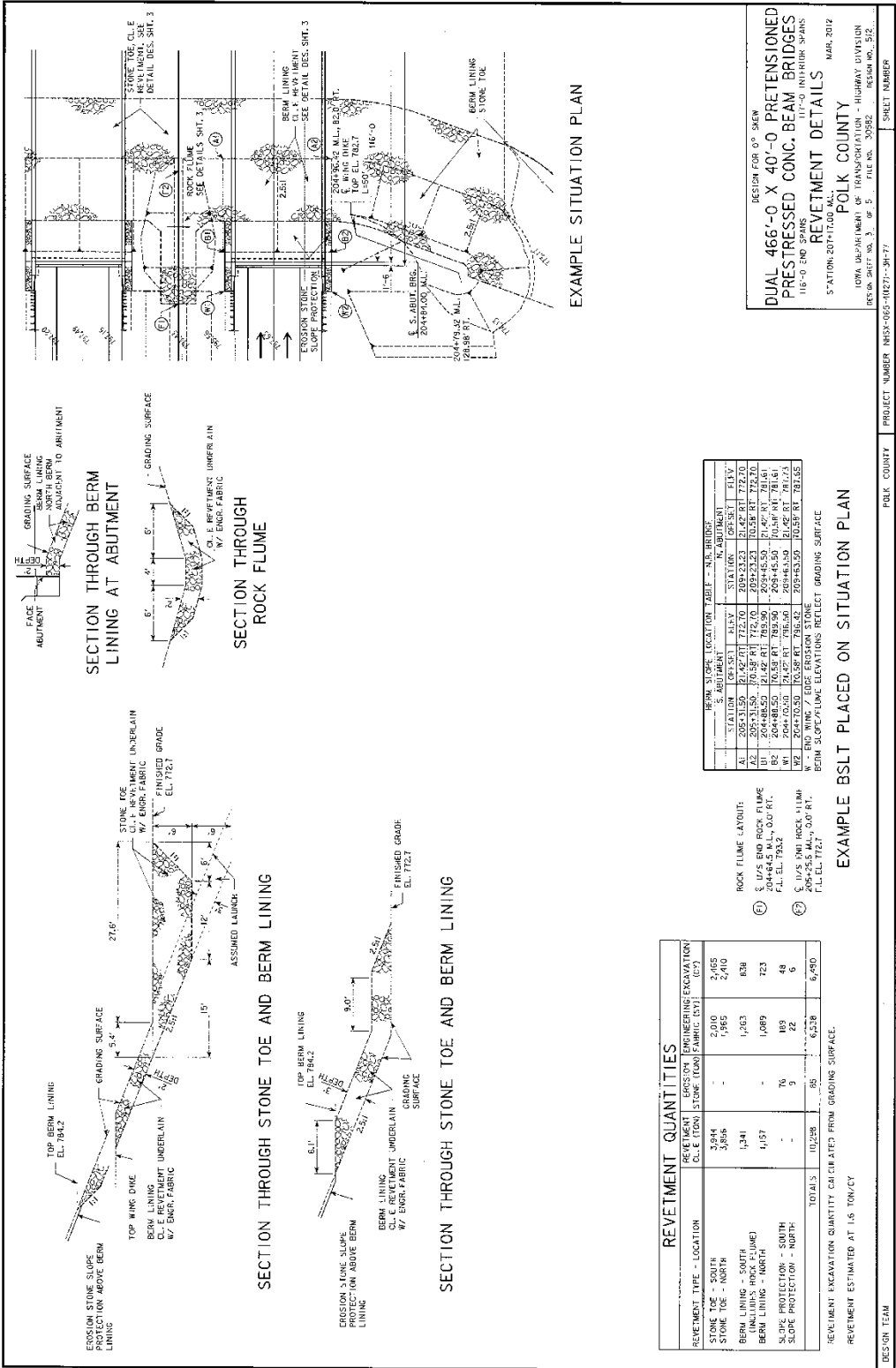


REVETMENT (NOT EMBEDDED)

NOTES:

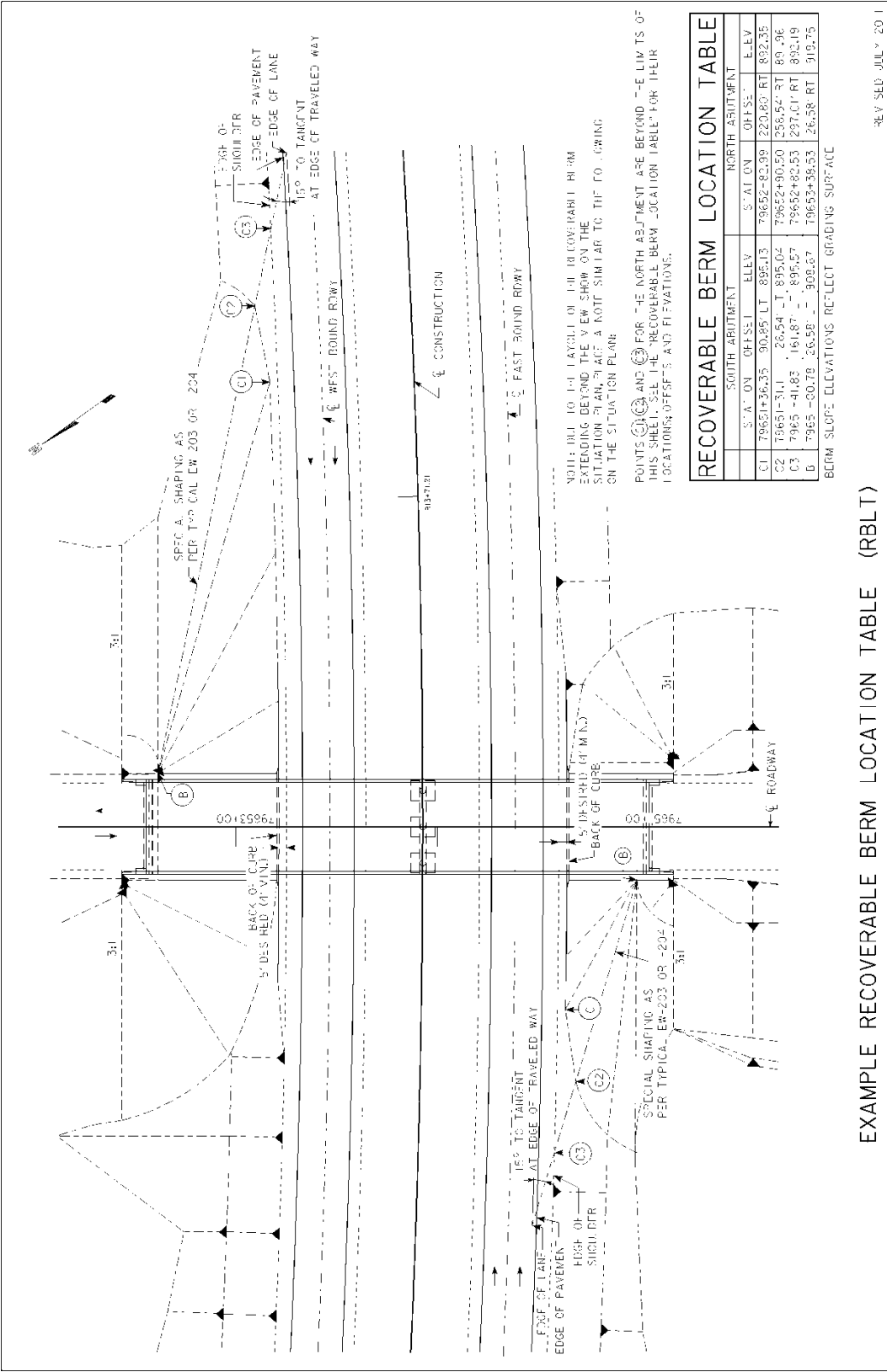
1. BSLT POINTS GIVEN AT GRADING SURFACE = TOP OF EROSION STONE AND BASE OF NON-EMBEDDED REVETMENT.
2. THE GRADING SURFACE SHALL BE LABELED ON THE TSL REVETMENT TYPICAL SECTION. TOP OF REVETMENT ELEVATION SHALL BE DEFINED.
3. ADDITIONAL EROSION STONE DETAILS ARE COVERED BY THE BRIDGE OFFICE SLOPE PROTECTION STANDARD.
4. EROSION STONE IS PLACED BELOW THE GRADING SURFACE AND WILL REQUIRE "CORE OUT". DEFINE LIMITS OF THE CORE OUT IN THE PLANS. THE BERM ARMORING QUANTITIES TABLE SHALL INCLUDE CLASS 10 EXCAVATION, ENGINEERING FABRIC, EROSION STONE, REVETMENT AND CORE OUT. BERM ARMORING QUANTITIES GENERALLY WILL INCLUDE ARMORING WORK UP TO THE FACE OF ABUTMENT.
5. WING ARMORING DETAILS ARE DEFINED BY THE BRIDGE OFFICE WING ARMORING STANDARD. FINAL DESIGN WILL CALCULATE QUANTITIES RELATED TO THE WING ARMORING.

5-26-11



C3.2.7.3.4 Recoverable berm location table

See also the BSLT example in C3.2.7.3.3.



C3.2.7.3.5 Slope protection

C3.2.7.4 Piers and pier footings

C3.2.7.5 Wing Walls